

C L A I M S

I Claim:

- 1 1. A method of cancelling a pending notify command at a target device comprising:  
2 a. sending a cancelling command over a network from a controlling device to the  
3 target device; and  
4 b. cancelling the pending notify command at the target device when the cancelling  
5 command is received while the pending notify command is pending.
- 1 2. The method as claimed in claim 1 wherein the cancelling command is a status  
2 command sent while the pending notify command is pending.
- 1 3. The method as claimed in claim 1 wherein the cancelling command is a duplicate  
2 of the pending notify command sent while the pending notify command is pending.
- 1 4. The method as claimed in claim 1 wherein the cancelling command is a notify  
2 cancel command sent while the pending notify command is pending.
- 1 5. The method as claimed in claim 1 wherein the network substantially complies with  
2 a version of the IEEE 1394 standard.
- 1 6. The method as claimed in claim 5 wherein the cancelling command substantially  
2 complies with a version of the AV/C protocol.

1 7. A target device for communicating with a controlling device over a network, the  
2 target device comprising:

- 3 a. means for communicating with the controlling device over the network, the means  
4 for communicating including ability to receive a notify command from the  
5 controlling device, issue an interim response to the notify command to the  
6 controlling device and receive a cancelling command from the controlling device;  
7 and  
8 b. means for cancelling coupled to the means for communicating for cancelling a  
9 pending notify command if a cancelling command is received from the controlling  
10 device while the pending notify command is pending.

1 8. The target device as claimed in claim 7 wherein the cancelling command is a  
2 status command sent while the pending notify command is pending.

1 9. The target device as claimed in claim 7 wherein the cancelling command is a  
2 duplicate of the pending notify command sent while the pending notify command is pending.

1 10. The target device as claimed in claim 7 wherein the cancelling command is a  
2 notify cancel command sent while the pending notify command is pending.

1 11. The target device as claimed in claim 7 wherein the network substantially complies  
2 with a version of the IEEE 1394 standard.

1 12. The target device as claimed in claim 11 wherein the cancelling command  
2 substantially complies with a version of the AV/C protocol.

1 13. A target device configured to communicate with a controlling device over a  
2 network, the target device comprising:

- 3 a. an interface circuit configured to communicate with the controlling device over  
4 the network, the interface circuit including ability to receive a notify command  
5 from the controlling device, issue an interim response to the notify command and  
6 receive a cancelling command from the controlling device; and  
7 b. a control circuit coupled to the interface circuit to cancel a pending notify  
8 command if a cancelling command is received from the controlling device while  
9 the pending notify command is pending.

1 14. The target device as claimed in claim 13 wherein the cancelling command is a  
2 status command sent while the pending notify command is pending.

1 15. The target device as claimed in claim 13 wherein the cancelling command is a  
2 duplicate of the pending notify command sent while the pending notify command is pending.

1 16. The target device as claimed in claim 13 wherein the cancelling command is a  
2 notify cancel command sent while the pending notify command is pending.

1 17. The target device as claimed in claim 13 wherein the network substantially  
2 complies with a version of the IEEE 1394 standard.

1 18. The target device as claimed in claim 17 wherein the cancelling command  
2 substantially complies with a version of the AV/C protocol.

1 19. A notify cancel AV/C command data packet used to cancel a pending notify  
2 command at a target device, wherein the notify cancel AV/C command data packet is sent from  
3 a controlling device to a target device while the pending notify command is pending at the target  
4 device, and further wherein when a target device receives the notify cancel AV/C command data  
5 packet while the pending notify command is pending, the target device cancels the pending notify  
6 command.

1 20. A network of devices coupled together comprising:  
2 a. a controlling device configured to send a cancelling command to cancel a pending  
3 notify command; and  
4 b. a target device including:  
5 i. an interface circuit configured to communicate with the controlling device  
6 to receive the cancelling command from the controlling device; and  
7 ii. a control circuit coupled to the interface circuit to cancel a pending notify  
8 command if the cancelling command is received from the controlling  
9 device while the pending notify command is pending.

1 21. The network of devices as claimed in claim 20 wherein the cancelling command  
2 is a status command sent while the pending notify command is pending.

1 22. The network of devices as claimed in claim 20 wherein the cancelling command  
2 is a duplicate of the pending notify command sent while the pending notify command is pending.

1 23. The network of devices as claimed in claim 20 wherein the cancelling command  
2 is a notify cancel command sent while the pending notify command is pending.

1 24. The network of devices as claimed in claim 20 wherein the target device is  
2 coupled to the controlling device over a network substantially complying with a version of the

3 IEEE 1394 standard.

1 25. The network of devices as claimed in claim 20 wherein the cancelling command  
2 substantially complies with a version of the AV/C protocol.

1 26. A network of devices coupled together by a standard IEEE 1394 serial bus  
2 comprising:

3 a. a controlling device in communication with the standard IEEE 1394 serial bus and  
4 configured for sending a cancelling command over the standard IEEE 1394 serial  
5 bus; and

6 b. a target device in communication with the standard IEEE 1394 serial bus and  
7 configured for receiving the cancelling command and cancelling a pending notify  
8 command if the cancelling command is received while the pending notify  
9 command is pending.

1 27. The network of devices as claimed in claim 26 wherein the cancelling command  
2 is a status command sent while the pending notify command is pending.

1 28. The network of devices as claimed in claim 26 wherein the cancelling command  
2 is a duplicate of the pending notify command sent while the pending notify command is pending.

1 29. The network of devices as claimed in claim 26 wherein the cancelling command  
2 is a notify cancel command sent while the pending notify command is pending.